additional information.

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 48-R-0001
CUSTOMER NUMBER: 1494

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

Kansas State University 1 Fairchild Hall Manhattan, KS 66506

Telephone: (785) -532-3224

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites) - See Atached Listing

A. Animals Covered By The Animal Welfare Regulations	B. Number of animal being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye used for such purposes.	C. Number of animals upon which leaching, research, experiments, or tests were conducted involving no pain, distress, or use or pain-relieving drugs.	D. Number of animals upon which experiments, leaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for whithe use of appropriate anesthetic, analgesic, or tranquiliz drugs would have adversely affected the procedures, resign interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasc such drugs were not used must be attached to this report	F. TOTAL NUMBEF OF ANIMALS (COLUMNS
4. Dogs	4	201	222	1 *see attachment	424
5. Cats	50	146	67	0	213
6, Guinea Pigs	0	1	0	0	1
7. Hamsters	44	52	0	0	52
8. Rabbits	0	0	42	0	42
9. Non-human Primates	0	19	0	. 0	19
10. Sheep	0	14	0	0	14
11. Pigs	0	31	143	208 *see attachment	382
12. Other Farm Animals					
cattle	0	4925	7	0	4932
13. Other Animals					
Gerbils	26	85	159	0	244
Ferrets	0	2	0	0	2
Snakes	7	3	0	0	3

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual rese teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and applications. Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary in brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

<u> </u>	,,	, , , , , , , , , , , , , , , , , , , ,	
		EADQUARTERS RESEARCH FACILITY OFFICIAL eer or Legally Responsible Institutional Official)	
		NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type of Print)	DATE SIGNED
-,	T 88), which is obsolete.)		- 17.75

See reverse side for additional information.

0180-DOA-AN

یا No.

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

A SECTION AND

1. REGISTRATION NO. 48-R-0001

FORM APPROVED OMB NO. 0579-0036

CONTINUATION SHEET FOR ANNUAL REPORT
OF RESEARCH FACILITY
(TYPE OR PRINT)

Kansas State University
1 Fairchild Hall

Manhattan, KS 66506

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA

A	B. Number of	C Number of	D. Number of animals upon	E. Number of animals upon which teaching,	F
Animals Covered By The Animal Wellare Regulations 12. &/OR 13. Other (List by species)	animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	animals upon which leaching, research, experiments, or lests were conducted involving no pain, distress, or use of pain, relieving drugs.	which experiments, leaching, research, surgery, or lests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	experiments, research, surgery or tests were conducted involving accompanying pain or district to the animals and for which the use of approprianesthetic, analgesic, or tranquilizing drugs wou have adversely affected the procedures, results, interpretation of the teaching, research, experiments, surgery, or tests. (An explanation the procedures producing pain or distress in the animals and the reasons such drugs were not umust be attached to this report).	ess ale TOTAL NO. OF ANIMALS of (Cols. C + D + E)
Lizards	4	55	useu.	0	55
		, , , , , , , , , , , , , , , , , , , ,			
Non-native Snakes	2	0 .	0	0	0
Turtles	0	1	0	0	1
Llamas	0	7	0	0	7
Alpacas	0	7	0	0	7
Deer Mouse	0	312	0	0	312
White Footed	0	222	0	0	222
- Hispid Cotton Rat	0	95	0	0	95
Western Harvest Mouse	0	74	0	0	74
Prairie Vole	0	26	0	0	26
Thirteen-lined Ground Squirrel	0	. 27	0	0	27
Eastern Wood Rat	0	18	0	0	18
Hispid Pocket Mouse	0	14	0	0	14
Elliots Short Tailed Shrew	0	9	0	0	9
Meadow Jumping Mouse	0	2	0	0	2
Chick Embyos	0	30	0	0	30
Lesser Prairie Chicken	0	181	0	0	181
Wild Rodents	0	500	500	0	1000
Wild Rats	0	35	0	0	35

^{1).} Professionally acceptable standards governing the care, treatment, and use of animals, including approxiate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.

ASSURANCE STATEMENTS

CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official) I certify that the above is true, correct, and complete (7 U.S.C. Section 2143).			
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF CEO. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED	
		, ,	

MAH - F 9000 ----

^{2).} Each principal investigator has considered alternatives to painful procedures.

^{3).} This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the flustitutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.

^{4).} The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary gare and to oversee the adequacy of other aspects of animal care and use.

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 48-R-0001

FORM APPROVED OMB NO. 0579-0036

CONTINUATION SHEET FOR ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT) 2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA include Zip Code)

Kansas State University 1 Fairchild Hall Manhattan, KS 66506

REPORT OF ANIMALS USED BY O		F RESEARCH FACILITY	(Attach adictitional sheets if ne	cessary or use this form.)	
A. Animals Covered By The Animal Wellare Regulations 12. &/OR 13. Other (List by species)	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C Number of animals upon which leaching, research experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report).	TOTAL NO. OF ANIMALS (COIS. C + D + E)
12. Horses	20	67	41	0	108
Goats	0	0	8	0	8
Chickens	2250	1200	35	0	1235
Bison	0	16	0	0	16
Dom Goats	0	8	0	0	8
13. Wild Mice	0	1200	0	0	1200
		4			
,					

ASSURANCE STATEMENTS

- 1). Professionally acceptable standards governing the care, treatment, and use of animals, including approriate use of aniesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2). Each principal investigator has considered alternatives to painful procedures
- 3). This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4). The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIAL
(Chief Executive Officer or Legally Responsible Institutional Official)

Licertify that the above is true, correct, and complete (7 U.S.C. Section 2143).

NAME & TITLE DE CED OR INSTITUTIONAL DEFICIAL TODE OF PRINT

DATE SIGNED

WAD P and

2/27/03 - 1 dog in this Cat. E - I verified

This during our USDA inspection today. JE. Skuten SACS

The purpose of this project, under IACUC Protocol #1706, is to evaluate whether the

The purpose of this project, under IACUC Protocol #1706, is to evaluate whether the thrombin inhibitor, Refludan, has the ability to ameliorate the effects of Shiga-like toxin induced hemorrhagic colitis. Thus, purified Shiga-like toxin was injected subcutaneously at a dosage known to induce hemorrhagic colitis. Intravenous infusion of Refludan was used to extend plasma clotting times. The animals were closely monitored for symptoms of hemorrhagic colitis. If an adverse reaction was observed the experiment was terminated.

As approved by IACUC, pain or distress were not alleviated preemptively because to do so would mask the symptoms by which the severity of the illness is evaluated.

Explanation for 208 pigs used in Column E (IACUC #1960)

The enteric disease processes in this model of salmonellosis are undoubtedly uncomfortable to the animals. The degree to which these animals experience pain as a result of enteric disease cannot be quantified. Thus, it is not known whether the term "pain" is appropriate, but discomfort is almost certainly appropriate.

We propose testing products that potentially could substitute for antibiotics in swine diets. This type of disease challenge model, in our opinion, strikes a balance between the need for a bona fide disease process and considerations for the well being of the animals involved. Thus, even though no intervention will provided during the course of the disease process, the animals return to normal feed intake behavior during the first week post-challenge.

The model is essential to the proposed studies in that it provides a pathologic challenge to the pigs in a controlled experimental setting.

Customer ID and Site Address

ID: 1494

Research Compliance Office Kansas State University 1Fairchild Hall Manhattan, KS 66506 County: Riley Telephone: (785) 532-3224

Facility Sites

Ackert Hall
Bluemont Hall
Call Hall
Justin Hall
Weber Hall
Burt Hall
Animal Resource Facility
Hill Dog Facility
Hill Greyhound Complex
Veterinary Clinical Sciences Building
Veterinary Medical Sciences Building

See attached form for additional information.

nteragens) Report Control No.:

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 48-R-0003

CUSTOMER NUMBER: 1460

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY
(TYPE OR PRINT)

University Of Ks Med Ctr 3901 Rainbow Blvd Kansas City, KS 66160 "E" OK per J.E.S. 20-Dec-02

Telephone: (913) -588-7015

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites) - See Atached Listing

A. Animals Covered By The Animal Welfare Regulations	B. Number of animal being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use or pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for wh the use of appropriate anesthetic, analgesic, or tranquiliz drugs would have adversely affected the procedures, res or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reask such drugs were not used must be attached to this report.)	F. TOTAL NUMBER OF ANIMALS (COLUMNS C + D + E)
4. Dogs	0	0	1	0	1
5. Cats	0	0	13	0	13
6. Guinea Pigs	0	3	0	10	13
7. Hamsters	0	0	254	0	254
8. Rabbits	0	19	150	0	169
9. Non-human Primates	38	0	205	0	243
10. Sh ee p	0	0	0	0	0
11. Pigs	0	0	63	0	63
12. Other Farm Animals					
3. Other Animals					
Gerbils	_ 0	0	144	0	0
Castane Ous					
Mice	10	0	0	0	10

ASSURANCE STATEMENTS

(AUG 91)

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual reserved teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and applications. In addition to identifying the IACUC-approved exceptions, this summary in brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official)				
SIGNATURE OF C F O OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED		
APHIS FORM	chsolete.)			

Column E Explanation

This form is intended as an aid to completing the Column E explanation. It is not an official form and its use is voluntary. Names, addresses, protocols, veterinary care programs, and the like, are not required as part of an explanation. A Column E explanation must be written so as to be understood by lay persons as well as scientists.

- 1. Registration number: 48-R-0003
- Species (common name) and number of animals used in this study:
 Guinea pigs, 13 animals.
 (List all species that apply for this explanation). If you used the same species in more than one procedure, list each procedure and the number of animals used in that procedure in item 3.
- 3. Explain the procedure producing pain and/or distress. Guinea pigs were exposed to varying doses of congeners of dioxins in an effort to identify an appropriate dose for chronic studies. The study required very few animals to determine this dose.
- 4. Provide a scientific justification why pain and/or distress could not be relieved. State methods or means used to determine that pain and/or distress relief would interfere with test results (for federally mandated testing, see Item 5 below.

The purpose of the study is to determine the long term biochemical and pathologic effects of dioxin exposure. This includes biochemical features of metabolism and disposition, as well as carcinogenic mechanisms. Intervening chemical analgesics would modify the enzymatic environment of target organs, particularly the liver (known effect). Premature euthanasia would skew the toxicologic endpoint. The toxicologic and endocrinologic effects of low dose dioxin exposure are considered important because of widespread environmental contamination with various classes of this group of compounds.

5 .	What, if any, federal regulations require this procedure? Cite the agency
	the code of Federal Regulations (CFR) title number and the specific section number (e.g., APHIS, 9 CFR 113.102):

CFR

Agency

See attached form for additional information.

Interagelicy Report Control No.:

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

1. CERTIFICATE NUMBER: 48-R-0004

CUSTOMER NUMBER: 1400

FORM APPROVED OMB NO. 0579-0036

Bayer Corp. Agric. Division, Toxicology

Bayer Research Park 17745 S Metcalf Ave Stilwell, KS 66085

Telephone: (913) -433-5221

"E"OKper 06-Dec-02

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites) - See Atached Listing

REPORT OF ANIMALS	USED BY OR UNDER (CH FACILITY (Attach addition	al sheets if necessary or use APHIS Form 7023A)	
A. Animals Covered By The Animal Welfare Regulations	B. Number of animal being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use or pain-relieving drugs.	Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for whithe use of appropriate anesthetic, analgesic, or tranquiliz drugs would have adversely affected the procedures, resor interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasc such drugs were not used must be attached to this report.)	F. TOTAL NUMBER OF ANIMALS (COLUMNS C + D + E)
4. Dogs	0	255	0	11	266
5. Cats	0	230	22	16	268
3. Guinea Pigs	0				0
7. Hamsters	0				0
3. Rabbits	0				0
). Non-human Primates	0				0
0. Sheep	0				0
1. Pigs	0				0
2. Other Farm Animals	0				0
3. Other Animals	0	·			0
	·				

ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animats, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual reserteaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approximate in the principal investigator and approximate in the standards and regulations be specified and explained by the principal investigator and approximate investigator and approximate in the standards and regulations be specified and explained by the principal investigator and approximate investigator and approximate
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use

4) The attending veterinarian for this research facility has appro	ropnate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects	, or animal care and use.
	RTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL Chief Executive Officer or Legally Responsible Institutional Official)	
SIGNATURE OF C.E.O. OR	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED

PHIS FORM 7023 (AUG 91) (Replaces VS FORM 18-23 (OCT 88), which is obsolete.)

NOV 19 2002

Column E Explanation

This form is intended as an aid to completing the Column E explanation. It is not an official form and its use is voluntary. Names, addresses, protocols, veterinary care programs, and the like, are not required as part of an explanation. A Column E explanation must be written so as to be understood by lay persons as well as scientists.

1.	Registration Number: <u>48-R-0004</u>
2.	Species (Dog) and number of animals used in this study 64 total 11 in distress (list all that apply for this explanation). If you used the same species in more than one procedure, list each procedure and the number of animals used in that procedure in Item 3.
3.	Explain the procedure producing pain and/or distress.
	FDA mandated safety studies [21 CFR 514.1(b)(8)] and preclinical testing guidelines require daily administration of the test article. (b)(4) (b)(4) vomiting and associated gastric upset was considered distressful.
4.	Provide scientific justification why pain and/or distress could not be relieved. State methods or means used to determine that pain and/or distress relief would interfere with test results. (For Federally mandated testing, see Item 5 below)
	Since this was a federally mandated test, alleviation of pain or distress could mask the effects of the test article, invalidating the test. All protocols have provisions for cessation of test article administration if there is an extreme adverse reaction or health conditions that would result in obvious pain to the animal, or reactions of a life-threatening nature. Professional veterinary care is available 24 hours a day.
5.	What, if any, federal regulations require this procedure? Cite the agency, the code of Federal Regulations (CFR) title number and the specific section number (e.g., APHIS, 9 CFR 113.102):
	Prior to the approval of a new animal drug, the sponsor must show that the drug is safe for use as recommended in the proposed labeling [21 CFR 514.1(b)(8) and section 512(d) of the Federal Food,

Drug and Cosmetic Act].

Column E Explanation

This form is intended as an aid to completing the Column E explanation. It is not an official form and its use is voluntary. Names, addresses, protocols, veterinary care programs, and the like, are not required as part of an explanation. A Column E explanation must be written so as to be understood by lay persons as well as scientists.

1.	Registration Number: <u>48-R-0004</u>
2.	Species (Cat) and number of animals used in this study <u>60 total; 16 in distress</u> (list all that apply for this explanation. If you used the same species in more than one procedure, list each procedure and the number of animals used in that procedure in Item 3.
3.	Explain the procedure producing pain and/or distress.
	FDA mandated safety studies [21 CFR 514.1(b)(8)] requiring 1x, 3x and 5x administration of the test article, an (b)(4) Vomiting occurred throughout the study in several animals engaged in the test. The vomiting was considered as distressful to the animals.
4.	Provide scientific justification why pain and/or distress could not be relieved. State methods or means used to determine that pain and/or distress relief would interfere with test results. (For Federally mandated testing, see Item 5 below)
	Since this was a federally mandated test, alleviation of pain or distress could mask the effects of the test article, invalidating the test. All protocols have provisions for cessation of test article administration if there is an extreme adverse reaction or health conditions that would result in obvious pain to the animal, or reactions of a life-threatening nature. Professional veterinary care is available 24 hours a day.
5.	What, if any, federal regulations require this procedure? Cite the agency, the code of Federal Regulations (CFR) title number and the specific section number (e.g., APHIS, 9 CFR 113.102):
	Prior to the approval of a new animal drug, the sponsor must show that the drug is safe for use as

recommended in the proposed labeling [21 CFR 514.1(b)(8) and section 512(d) of the Federal Food,

Drug and Cosmetic Act].

See reverse side for additional information. Interagency Besort Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 48-R-0002 CUSTOMER NO. 1459

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

 HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

UNIVERSITY OF KANSAS - ANIMAL CARE UNIT ANIMAL CARE UNIT B054 MALOTT HALL LAWRENCE, KS 66045 (785) 864-5587

REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

See Attached Listing

FACILITY LOCATIONS(sites)

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs		57			57
5. Cats		35			35
6. Guinea Pigs					
7. Hamsters		17			17
8. Rabbits		23	47		70
9. Non-Human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals					

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional official)

Inlet Executive Officer or Legally Responsible Institutional Official Loarlife that the above is true correct, and complete (7 U.S.C. Section 2143)

DATE SIGNED

ADQUARTERS

- **V** - \$08 - 9.7 - 3.5 UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 48-R-0014
CUSTOMER NUMBER: 1446

FORM APPROVED OMB NO. 0579-0038

arys.

OCT 30 4000

ANNUAL REPORT OF RESEARCH FACILITY
(TYPE OR PRINT)

Wichita State University
1845 Fairmount Box #26

Telephone: (316)689-3111

Wichita, KS 67260

Same as #2

FACILITY LOCATIONS (Sites) - See Atsched Listing

3. REPORTING PACILITY (List of locations where enimals were housed or used in actual research, testing, or experimentation, or held for those purposes. Attach additional shoets if necessary)

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS Form 7923A)									
A. Animals Covered By The Animal Welfere Regulations		Number of entinets being band, conditioned, or held for use in teaching, teating, esperiments, research, or eurgary but not yet used for such purposes.	G.	Number of salimate upon which teaching, research, espaniments, or teats were conducted involving no pain, distress, or use of pain-relieving drugs.	D.	Number of enimals upon valids experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the enimals and for which appropriate anostholic, enalgoid, or tempellizing drugs were used.	E.	Number of animals upon which teaching, experiments, research, suspery or tests were conducted involving escentiarity pain or distress to the animals and for which the use of appropriate anesthotic, analyselo, or transditting drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the precedures producing pain or distress in these animals and the research such drugs were not used must be attached to this report.).	TOTAL NUMBER OF ANMALS (COLUMNS C+D+E)
l. Degs									
5. Cats		į.							
3. Guinea Pigs									
7. Hamelers									
). Rabbis									
). Non-human Primates									
0. Sheep									
1. Pigs									
2. Other Ferm Animais									
3. Other Animals									
Mice		274				73			73
Rats		97				218			218
Hamsters		135				117			117

ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of enimals, including appropriate use of ensectatic, analysesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, besting, surgery, or experimentalism were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful precedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the institutional Animal Care and Use Committee (ACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of edequate veterinary core and to oversee the edequacy of other aspects of animal core and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL
(Chief Executive Officer or Legally Responsible Institutional Official)

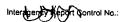
(Chief Executive Officer or Legally Responsible Institutional Official)

I carrilly that the above in true, correct, and complete (7 U.S.C. Section 2143)

DATE SIGNED

pu

See attached form for additional information.



UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 48-R-0014

CUSTOMER NUMBER: 1446

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY
(TYPE OR PRINT)

Wichita State University 1845 Fairmount Box #26 Wichita. KS 67260

Telephone: (316) -689-3111

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

5th Floor, Hubbard Hall Wichita State University

FACILITY LOCATIONS (Sites) - See Atached Listing

R Number of spins!	C. Number of	D. Number of animals upon	E Number of solimate upon which teaching exceptions	F.
b. Number or animal being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye used for such purposes.	animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use or pain-relieving drugs.	b. Number or animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	research, surgery or tests were conducted involving accompanying pain or distress to the animals and for whether the use of appropriate anesthetic, analgesic, or tranquilized ungs would have adversely affected the procedures, resor interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reast such drugs were not used must be attached to this report	TOTAL NUMBER OF ANIMALS (COLUMNS C + D + E)
			·	
61	377	0	0	377
			· .	
		:		
		· · · · · · · · · · · · · · · · · · ·		
370	342	67	0 .	409
69	159	46	0	205
	conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye used for such purposes.	being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye used for such purposes. 61 377	being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye used for such purposes. 61 377 342 which experiments, teaching, research, surgery, or tests were conducted involving no pain, distress, or use or pain-relieving drugs. 370 342 67	being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not by used for such purposes. 10 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1

ASSURANCE STATEMENTS

SIG

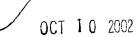
- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and appropriate (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary in brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFI	CIAL
(Chief Executive Officer or Legally Responsible Institutional Official)

-

DATE SIGNED

(AUG 91)



See reverse side for additional information

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE
ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 48-R-0015 CUSTOMER NO.

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

EMPORIA STATE UNIVERSITY 1200 COMMERCIAL EMPORIA, KS 66801

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, leaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.) FACILITY LOCATIONS(sites) SITE1 EMPORIA, KS 66801 REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS FORM 7023A B. Number o C. Number of D. Number of animals upon E. Number of animals upon which teaching, animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress animals being which experiments **Animals Covered** TOTAL NO. bred. teaching, research. to the animals and for which the use of appropriate By The Animal conditioned, or surgery, or tests were OF ANIMALS research, Welfare Regulations experiments, or conducted involving held for use in anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or teaching, testing, (Cols. C+ accompanying pain or tests were D + E) experiments, conducted distress to the animals interpretation of the teaching, research, research, or involving no and for which appropriate experiments, surgery, or tests. (An explanation of surgery but not pain, distress, or anesthetic analgesic or the procedures producing pain or distress in these yet used for such use of paintranquilizing drugs were animals and the reasons such drugs were not used purposes. relieving drugs must be attached to this report) 4. Dogs 5. Cats 6. Guinea Pigs 7 Hamsters 8. Rabbits 9. Non-Human Primates 10. Sheep 11. Pigs 12. Other Farm Animals 13. Other Animals

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL								
(Chief Executive Officer or Legally Responsible Institutional official)								
I certify that th	I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)							
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED						
	· •	11/25/2002						

See attached form for additional information. Interagency Report Char

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 48-R-0018 CUSTOMER NUMBER:

1359

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

Pittsburg State Univ 1701 S Broadway Pittsburg, KS 66762

Telephone: (316) -235-4732

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

Department of Biology

FACILITY LOCATIONS (Sites) - See Atached Listing

A. Animals Covered By The Animal Welfare Regulations	B. Number of animal being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use or pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for wh the use of appropriate anesthetic, analgesic, or tranquiliz drugs would have adversely affected the procedures, res or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasc such drugs were not used must be attached to this report	F. TOTAL NUMBER OF ANIMALS (COLUMNS C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters					
8. Rabbits		5			5
9. Non-human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animais					
			·		

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and app. Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary in brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

	CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL "ve Officer or Legally Responsible Institutional Official)	
SIG	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Pr	•
	***************************************	11/14/0
API-	#ete.)	

See attached form for additional information. Report Control No.:

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 48-R-0025

CUSTOMER NUMBER: 1424

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

Colby Community College 1255 S Range Colby, KS 67701

Telephone: (785) -462-3984

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

Stanley Carr Agriculture Center

FACILITY LOCATIONS (Sites) - See Atached Listing

A. Animals Covered By The Animal Welfare Regulations	beir con heid tead exp rese surg use	mber of animal ing bred, nditioned, or did for use in iching, testing, periments, search, or gery but not yeard for such posses.		Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use or pain-relieving drugs.	D.	Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E.	Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for whithe use of appropriate anesthetic, analgesic, or tranquilliz drugs would have adversely affected the procedures, resor interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasc such drugs were not used must be attached to this report	F. TOTAL NUMBE OF ANIMALS (COLUMNS C + D + E
4. Dogs			!			24			24
5. Cats						18			18
6. Guinea Pigs			1	3					3
7. Hamsters									
8. Rabbits				1					1
9. Non-human Primates									
10. Sheep				10					10
11. Pigs									,
12. Other Farm Animals Horses				6					6
Cattle	L			8					8
13. Other Animals								· .	
Gerbils				8					8
	 		-				+-		

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual reservances. teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approximation in the standards and regulations be specified and explained by the principal investigator and approximation in the standards and regulations be specified and explained by the principal investigator and approximation in the standards and regulations be specified and explained by the principal investigator and approximation in the standards and regulations be specified and explained by the principal investigator and approximation in the standards and regulations be specified and explained by the principal investigator and approximation in the standards and regulations be specified and explained by the principal investigator and approximation in the standards and regulations be specified and explained by the principal investigator and approximation in the standards and regulations be specified and explained by the principal investigator and approximation in the standards and regulation in the standards are standards are standards and regulation in the standards are standards and regulation in the standards are standards. brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

	repriciation by Headquarters research facility official officer or Legally Responsible Institutional Official (
ξ	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED 10/16/02
S Ai	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print) iich is obsolete.)	1

see attached form for additional information.

interagency report Control No.

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 48-R-0029
CUSTOMER NUMBER: 1406

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

Parmley Education & Research Ctr Po Box 17 Rose Hill, KS 67133

Telephone: (316) -776-0040

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites) - See Atached Listing

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS Form 7023A)										
A. Animals Covered By The Animal Welfare Regulations	B. Number of animal being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use or pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for wh the use of appropriate anesthetic, analgesic, or tranquiliz drugs would have adversely affected the procedures, res or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasc such drugs were not used must be attached to this report	F. TOTAL NUMBER OF ANIMALS (COLUMNS C + D + E)					
4. Dogs	0	Ø	0	0	0					
5. Cats	0	Ĉ.	g	0	8					
6. Guinea Pigs	6	0	v	0	0					
7. Hamsters	6	Q	D	0	0					
8. Rabbits	O	Ø	, O	0	0					
9. Non-human Primates	0	6	0	0	0					
10. Sheep	0	0	0	0	0					
11. Pigs	0	0	4/	0	4/					
12. Other Farm Animals	0	0	0	0	0					
		0	0							
13. Other Animals	0	Ö	0	0	0					

ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual reserved teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and applications. In addition to identifying the IACUC-approved exceptions, this summary in brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

4) The attending veterinarian for this research facility has appropriate au	thomy to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of a	inimal care and use.
	TON BY HEADQUARTERS RESEARCH FACILITY OFFICIAL cutive Officer or Legally Responsible Institutional Official)	
CONTRACTOR OF O PO OF MOTOR PROME OFFICE	tomerane and a semantic and the semantic semanti	DATE SIGNED
		10-21-02

APHIS FORM 7023 (AUG 91) (Replaces VS FORM 18-23 (OCT 88), which is obsolete.)

This report is required by law (7 USC 2143). Failure to report according to the regulations can result in an order to cease and desist and to be subject to penalties as provided for in Section 215

additional information.

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 48-R-0035

CUSTOMER NUMBER: 1390

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

Trailane Kennels 22549 C Rd Soldier, KS 66540

Telephone: (785) -948-2557

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites) - See Atached Listing

REPORT OF ANIMALS	OPED BY OK ONDER	CONTROL OF RESEAR	CH FACILITY (Attach additiona	al sheets if necessary or use APHIS Form 7023A)	
A. Animals Covered By The Animal Welfare Regulations	B. Number of animal being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use or pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for wh the use of appropriate anesthetic, analgesic, or tranquiliz drugs would have adversely affected the procedures, res or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reast such drugs were not used must be attached to this report	F. TOTAL NUMBER OF ANIMALS (COLUMNS C + D + E)
4. Dogs	32	16			16
5. Cats					
6. Guinea Pigs					
7. Hamsters					**************************************
8. Rabbits	•				
9. Non-human Primates	·				
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals		_			
ACCUPANCE CTATEMENTS					

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual reseteaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and app Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary in brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

	CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official)		
SIGNAT	IFFICIAL (Type or Print)	DATE SIGNED	
		בסיסביוו	
APHIS F((AUG 91)			

additional information.

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UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 48-R-0036 CUSTOMER NUMBER: 1410

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

Salina Regional Health Ctr 400 S Santa Fe Po Box 5080 Salina, KS 67402

Telephone: (785) -452-7834

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites) - See Atached Listing

A. Animals Covered By The Animal Welfare Regulations	B. Number of animal being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use or pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for wh the use of appropriate anesthetic, analgesic, or tranquilitz drugs would have adversely affected the procedures, res or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reask such drugs were not used must be attached to this report	F. TOTAL NUMBER OF ANIMALS (COLUMNS C + D + E)
4. Dogs					
5. Cats	0	0	O,	0	\bigcirc
6. Guinea Pigs					
7. Hamsters					
8. Rabbits					
9. Non-human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals					

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual rese teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approximation of the standards and regulations be specified and explained by the principal investigator and approximation of the standards and regulations be specified and explained by the principal investigator and approximation of the standards and regulations be specified and explained by the principal investigator and approximation of the standards and regulations be specified and explained by the principal investigator and approximation of the standards and regulations be specified and explained by the principal investigator and approximation of the standards and regulations are standards are standards and regulations are standards are standards are standards. brief explanation of the exceptions, as well as the species and number of animals affected.

4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other to	Ispects or animal care and use.
CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL	
	DATE SIGNED

- This report is required by law (7 USC 2143). Failure to report according to the regulations can result in an order to cease and desist and to be subject to penalties as provided for in Section 21!

See attached form for additional information Interrepelled Report Control No.:

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. CERTIFICATE NUMBER: 48-R-0039 CUSTOMER NUMBER:

1420

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

Hill'S Science & Tech Ctr Po Box 1658 Topeka, KS 66601

Telephone: (785) -286-8146

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites) - See Atached Listing

Α.	R	Number of animal	С	Number of	n	Number of animals upon	F	Number of animals upon which teaching, experiments,	F.
Animals Covered By The Animal Welfare Regulations	D.	being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye used for such purposes.	.	animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use or pain-relieving drugs.	J .	which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.		research, surgery or tests were conducted involving accompanying pain or distress to the animals and for whithe use of appropriate anestitetic, analgesic, or tranquiliz drugs would have adversely affected the procedures, resor interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reast such drugs were not used must be attached to this report	TOTAL NUMBER OF ANIMALS (COLUMNS C + D + E)
4. Dogs		21		473		0		0	473
5. Cats		21		440	1	0		0	440
6. Suinea Pigs									
7. Hamsters									
8. Råbbits									
9. Non-human Primates									
10. Sheep									
11. Pigs									
12. Other Farm Animals	-								
13. Other Animals									
				-					

ASSURANCE STATEMENTS

- Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual reservations, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approximation in the investigator and approximation in the investigator and investigator and approximation in the investigator and investigator and approximation in the investigator and approximation in the investigator and approximation in the investigator and approximation investigator and approximation in the investigator and approximation invest brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official)

> DATE SIGNED 11/18/03

NOV 2 1 2002

16

Annual Report -- Site Listing:

Customer ID and Site Address:

ID:9771

Surgicenter Of
Johnson County
8800 Ballentine This
Site Belongs To
License # 48-R-0040,
Which Has Been
Cancelled.
Overland Park, KS 66214
County: Johnson

Telephone

See attached form for additional information.

Interagency Report Control No.:

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 48-R-0040 CUSTOMER NUMBER: 9771

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

Surgix 9119 West 74th St Suite 255 Shawnee, KS 66204

Telephone: (913) -432-5428

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites) - See Atached Listing

REPORT OF ANIMALS	USED BY OR UNDER (CONTROL OF RESEAR	CH FACILITY (Attach addition	al sheets if necessarv or use APHIS Form 7023A)	
A. Animals Covered By The Animal Welfare Regulations	B. Number of animal being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use or pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for wh the use of appropriate anesthetic, analgesic, or tranquiliz drugs would have adversely affected the procedures, res or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reask such drugs were not used must be attached to this report	F. TOTAL NUMBER OF ANIMALS (COLUMNS C + D + E)
4. Dogs					0
5. Cats					0
6. Guinea Pigs					0
7. Hamsters					0
8. Rabbits					0
9. Non-human Primates					0
10. Sheep					
11. Pigs					0
12. Other Farm Animals					0
13. Other Animals	-				0

ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual researching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approximation. In addition to identifying the IACUC-approved exceptions, this summary in brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

	CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL		
SIGNATURE C		L (Type or Print)	DATE SIGNED
			11-27-02
ADUIC FORM 7			11-27-00

APHIS FORM 7 (AUG 91)

See attached form for additional information.

Interagency Report Control No.:

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 48-R-0102

CUSTOMER NUMBER: 1615

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY
(TYPE OR PRINT)

Frazee Veterinary Service 701 Northeast St Coffeyville, KS 67337

Telephone: (316) -251-6037

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites) - See Atached Listing

REPORT OF ANIMALS U	JSED BY OR UNDER C	CONTROL OF RESEAR	CH FACILITY (Attach additiona	al sheets if necessarv or use APHIS Form 7023A)	
A. Animals Covered By The Animal Welfare Regulations	B. Number of animal being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use or pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for whithe use of appropriate anesthetic, analgesic, or tranquiliz drugs would have adversely affected the procedures, resor interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reask such drugs were not used must be attached to this report	OF ANIMALS (COLUMNS C + D + E)
4. Dogs	\mathcal{O}	0	0		0
5. Cats	0	0	0	ච	0
6. Guinea Pigs	0	0	O	O	Ō
7. Hamsters	0	D	0		0
8. Rabbits	ତ	0	0	0	0
9. Non-human Primates	0	0	\mathcal{O}	Ò	Ō
10. Sheep	0	0	Ŏ	Õ	Ŏ
11. Pigs	0	δ	0	\bigcirc	δ
12. Other Farm Animals	0	Ŏ	0	ð	0
13. Other Animals	0	0	0	0	0

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual rese teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approximate (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary in brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

EADQUARTERS RESEARCH FACILITY OFFICIAL cer or Legally Responsible Institutional Official)	
NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL. (Type or Print)	DATE SIGNED

additional information.

\ Mo www.xww

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 48-R-0103

CUSTOMER NUMBER: 48-R-0103

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

Hays Medical Center 2200 Canterbury Hays, KS 67601

Telephone: (785) -623-5000

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites) - See Atached Listing

A. Animals Covered By The Animal Welfare Regulations	B. Number of animal being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use or pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pein or distress to the animals and for whithe use of appropriate anesthetic, analgesic, or tranquiliz drugs would have adversely affected the procedures, resor interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reason such drugs were not used must be attached to this report	F. TOTAL NUMBEF OF ANIMALS (COLUMNS C + D + E)
4. Dogs	0	0	0	0	0
5. Cats	0	0	0	0	0
6. Guinea Pigs	0	0	0	0	0
7. Hamsters	0	0	0	0	0
8. Rabbits	0	0	0	0	0
9. Non-human Primates	0	0	0	0	0
10. Sh ee p	0	0	0	0	0
11. Pigs	0	0	0	0	0
12. Other Farm Animals	0	0	0	0	0
13. Other Animals	0	0	0	0	0

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual reserved teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approximation. In addition to identifying the IACUC-approved exceptions, this summary in brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

	CATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL Executive Officer or Legally Responsible Institutional Official)		
SIG	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL	(Type or Print)	DATE SIGNED
ADU	h is obsolute \		10/15/02

See reverse side for additional information. Interagency Report Control No. U189-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. REGISTRATION NO. 48-R-0104

CUSTOMER NO. 1697

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zin Code)

WOMENS RESEARCH INST 1010 N KANSAS **WICHITA, KS 67214** (316) 293-1880

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS(sites)

See Attached Listing

Same as 2. above

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, teating, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompenying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquitizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate enesthetic, analgesic, or tranquitizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these enimals and the reasons such drugs were red used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C+ D+E)
4. Dogs	0	0	0	0	0
5. Cats	0	0	0	0	0
6. Guinea Pigs	0	0	0	0	0
7. Hamsters	0	0	0	0	0
8. Rabbits	0	0	0	0	0
9. Non-Human Primates	0	0	0	0	0
10. Sheep	0	0	0	00	. 0
11. Pigs	0	0	0	0	0
12. Other Farm Animals	0	0	0	0	0
13. Other Animals	0	0	0	0	0

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analysis, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

	CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OF (Chief Executive Officer or Legally Responsible Institutional of		
SIC		(pe or Print)	DATE SIGNED
AP		DART 1	- HEADQUARTERS

PART 1 - HEADQUARTERS

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. CERTIFICATE NUMBER: 48-R-0106 CUSTOMER NUMBER: 13842

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

Ag Research & Technology 1025 190th St

Webster City, IA 50595

Land O'Lakes, Inc

Telephone: (515) -543-4852

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites) - See Atached Listing

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS Form 7023A)					
Animals Covered By The Animal Welfare Regulations	B. Number of animal being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use or pain-relieving drugs.	D. Number of animats upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for wh the use of appropriate anesthetic, analgesic, or tranquiliz drugs would have adversely affected the procedures, res or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reast such drugs were not used must be attached to this report	F. TOTAL NUMBER OF ANIMALS (COLUMNS C + D + E)
4. Dogs		101		0	101
5. Cats		27	0		27
6. Guinea Pigs		-		- ·	
7. Hamsters					
8. Rabbits					
9. Non-human Primates					
10. Sheep					
11. Pigs				·	
12. Other Farm Animals					
13. Other Animals					

ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual reserved teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approximately approxim Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary in brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official)

See attached form for additional information. ncy keport Control No.:

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. CERTIFICATE NUMBER: 48-R-0107 CUSTOMER NUMBER: 14439

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

Biomune Co. 8906 Rosehill Rd Lenexa, KS 66215

Telephone: (913) -894-0230

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites) - See Atached Listing

REPORT OF ANIMALS	USED BY OR UNDER (CONTROL OF RESEAR	RCH FACILITY (Attach addition	al sheets if necessary or use APHIS Form 7023A)	
A. Animals Covered By The Animal Welfare Regulations	B. Number of animal being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use or pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for wh the use of appropriate anesthetic, analgesic, or tranquiliz drugs would have adversely affected the procedures, res or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasc such drugs were not used must be attached to this report	(COLUMNS
4. Dogs					
5. Cats					
6. Guinea Pigs	0	13	0	0	13
7. Hamsters					
8. Rabbits	56	72	0	0	72
9. Non-human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals					

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual rese teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approximation. In addition to identifying the IACUC-approved exceptions, this summary in brief explanation of the exceptions, as well as the species and number of animals affected.

4	4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects	of animal care and use.
	CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official)	
		DATE SIGNED
		11/15/0

